

ABSTRACT OF THE DISCLOSURE

Disclosed is a supporting system having a carrying member for carrying a workpiece thereon and a supporting mechanism for supporting the carrying member from a workpiece transfer position to a workpiece processing position, wherein, adjacent the transfer position, the weight of the carrying member and a force to be applied to the carrying member are substantially balanced, and wherein, adjacent the workpiece processing position, the weight of the carrying member and a force to be applied to the carrying member are substantially balanced.

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